

In the Abstract:

ABSTRACT OF THE DISCLOSURE

Headlight and headlight element

~~The invention relates to a~~ A headlight having a multitude of headlight elements, which each have at least one semiconductor chip which emits electromagnetic radiation; a primary optics element, which reduces the divergence of the light which is incident through the light input; and at least one headlight element output, which emits a part of the headlight light from the headlight element. At least some of the headlight element outputs are arranged in at least two groups in such a way that the arrangement of at least one of the groups and/or at least overall arrangement of headlight element outputs of multiple groups corresponds essentially to a desired emission characteristic of the headlight, in that, in particular, it has a shape which corresponds essentially to the cross-sectional shape of a desired headlight beam, wherein the semiconductor chips which belong to the headlight element outputs of one group can each be operated independently of other semiconductor chips. ~~The invention also relates to a~~ A headlight element is disclosed which is suitable for a headlight such as this.

Figure 4